



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

PGT Industries
P.O. Box 1529
Nokomis, FL 34274

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "F6000" Aluminum Fixed Window

APPROVAL DOCUMENT: Drawing No. 550, titled "Series" F-6000" Fixed Picture Window and Shapes", sheets 1 through 10 of 10, prepared by PGT Industries, dated 10/24/00 with revisions 1/27/04 signed sealed by Robert L. Clark, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 02-0701.08 and, consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Theodore Berman, P.E.**

3/12/2004



NOA No 04-0112.02
Expiration Date: September 13, 2006
Approval Date: March 25, 2004
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturers die drawings and sections.
2. Drawing No. **550**, titled "F-6000 Fixed Picture Window and Shapes", sheets 1 through 10 of 10, prepared by PGT Industries, dated 10/24/00 with revisions 1/27/04 signed and sealed by Robert L. Clark, P.E.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94 along with marked-up drawings and installation diagram of F-6000 fixed picture window and shapes, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-03109**, dated 8/1/03, signed and sealed by Joseph C. Chan, P.E.
2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94 along with marked-up drawings and installation diagram of fixed picture window and shapes, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-00141**, dated 09/27/00, signed and sealed by Joseph C. Chan, P.E.

C. CALCULATIONS

1. Anchor Calculations, ASTM-E1300, and structural analysis, prepared by PGT Industries, dated 1/8/04, signed and sealed by Robert L. Clark, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

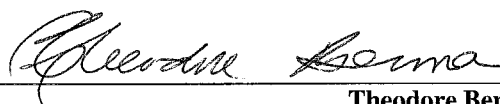
1. None

F. STATEMENTS

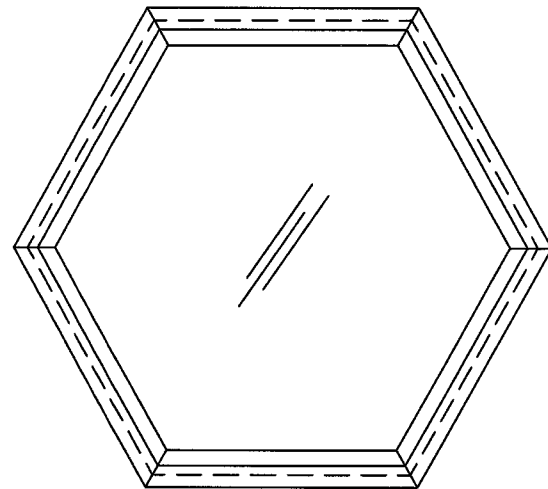
1. Statement letter of no financial interest, dated December 11, 2000 signed and sealed by Robert L. Clark, P.E.
"Submitted under NOA# 01-0102.03"
2. Statement letter of Code Compliance issued by PGT Industries on December 11, 2000 signed and sealed by Robert L. Clark, P.E.
"Submitted under NOA# 01-0102.03"

G. OTHER

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC).

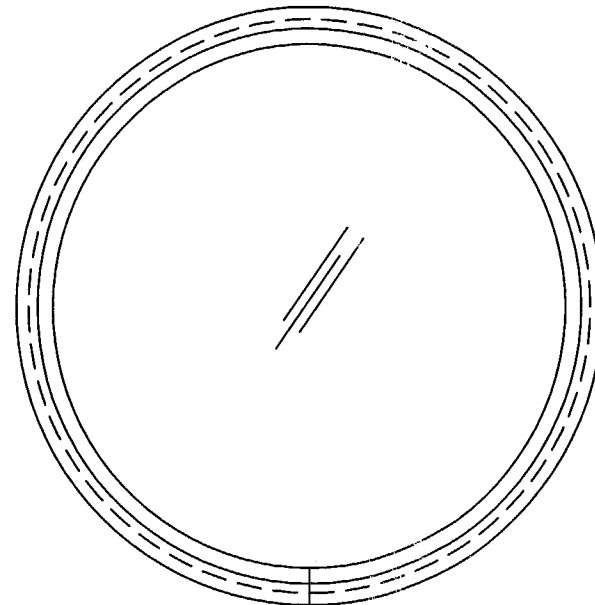


Theodore Berman, P.E.
Deputy Director, Product Control Division
NOA No 04-0112.02
Expiration Date: September 13, 2006
Approval Date: March 25, 2004



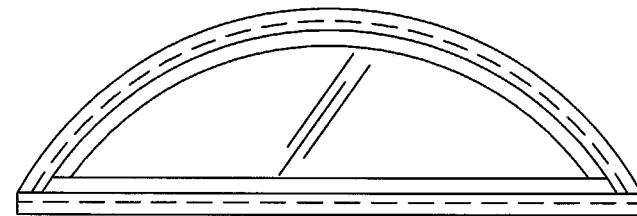
HEXAGON

60" BETWEEN FLATS
Maximum Area 21.65 sq. ft.



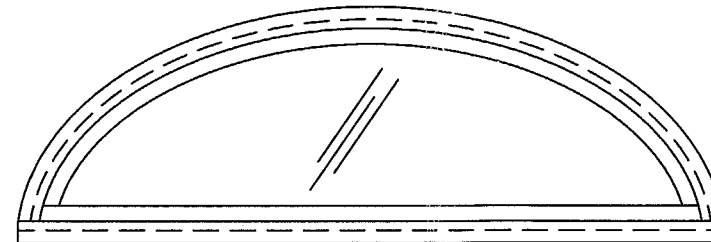
FULL CIRCLE

ø60"
Maximum Area 19.64 sq. ft.



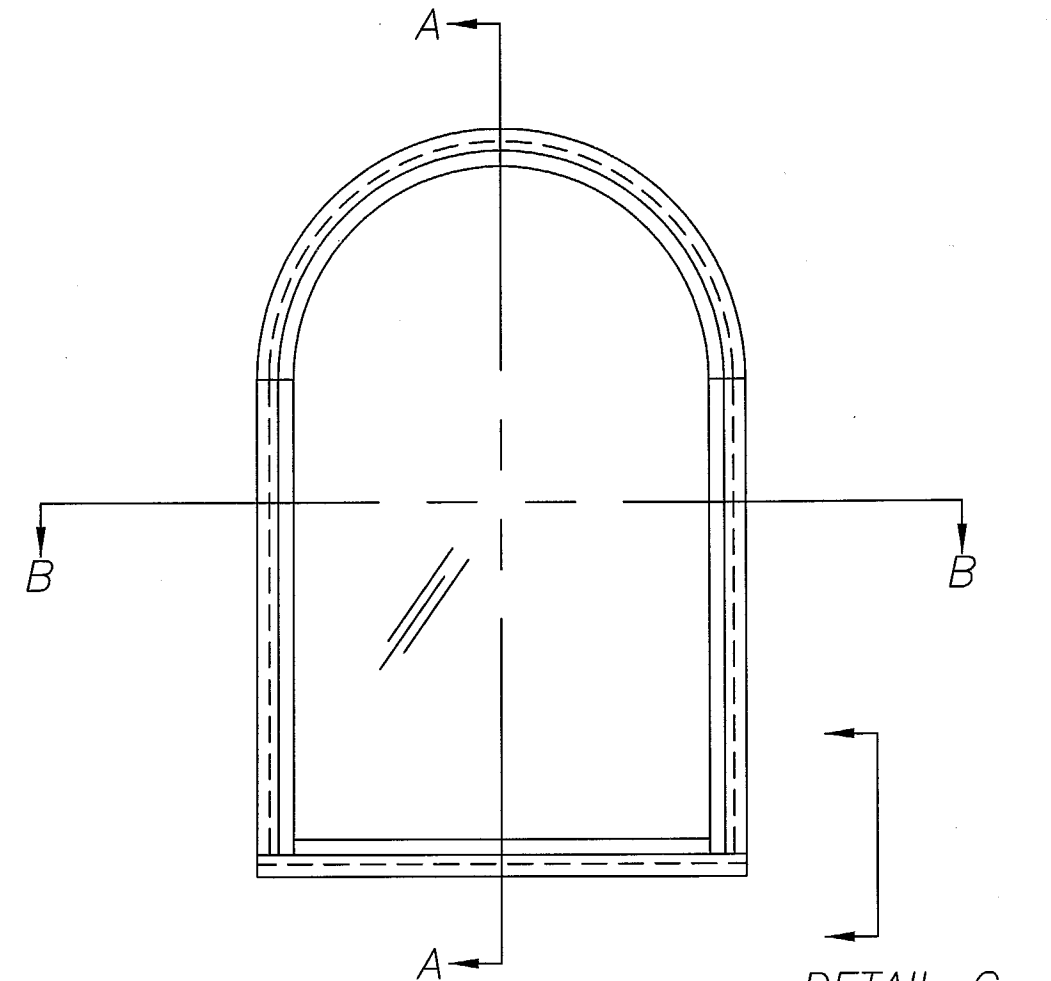
FAN

120" x 55"
Maximum Area 35.20 sq. ft.



ELLIPTICAL

120" x 48"
Maximum Area 31.46 sq. ft.



ARCH.

60" x 120"
Maximum Area 47.32 sq. ft.

DETAIL C
SEE SHT. 7

NON-IMPACT WINDOWS

- 1.) GLAZING: 3/16" TEMPERED
- 2.) CONFIGURATIONS: 0
- 3.) FOR DESIGN PRESSURE RATING SEE COMPARATIVE ANALYSIS ON SHEET 9 OF 10
- 4.) ANCHOR MAXIMUM SPACING: 6" FROM CORNERS AND 13" O.C.
- 5.) SHUTTERS REQUIRED AT ALL INSTALLATIONS
- 6.) SEE DETAILS C, D & E ON SHEET 8 OF 10 FOR CORNER ASSEMBLY.
- 7.) REFERENCE TEST REPORTS: FTL-2818, 2819, 2820 & 3853

Approved as complying with the
Florida Building Code
Date 03/25/04
NOAH 04-0112.02
Miami Dade Product Center
Divided By *Cherone Berman*

R. L. Clark
2/5/04
Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Series/Model:
F-6000

Scale:
NTS

Sheet:
1 of 10

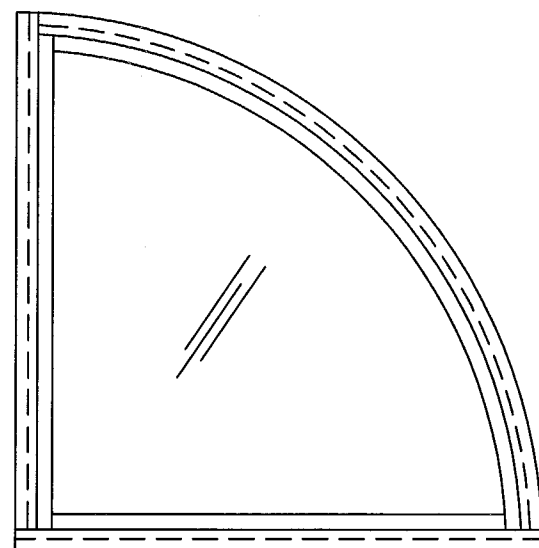
Drawing No.
550

Rev:
E

Revsd By: F.K.	Date: 1/27/04	Revisions: E-NO CHG THIS SHT
Revsd By: F.K.	Date: 1/8/04	Revisions: D-CHANGE NOTE 4 & 6
Revsd By: F.K.	Date: 12/24/02	Revisions: C-NO CHG THIS SHT., ADD SHT 6 OF 10
Revsd By: F.K.	Date: 8/15/01	Revisions: REDRAWN
Drawn By: J.J.	Date: 10/24/00	

Description:
ELEVATIONS, 3/16 TEMPERED GLASS

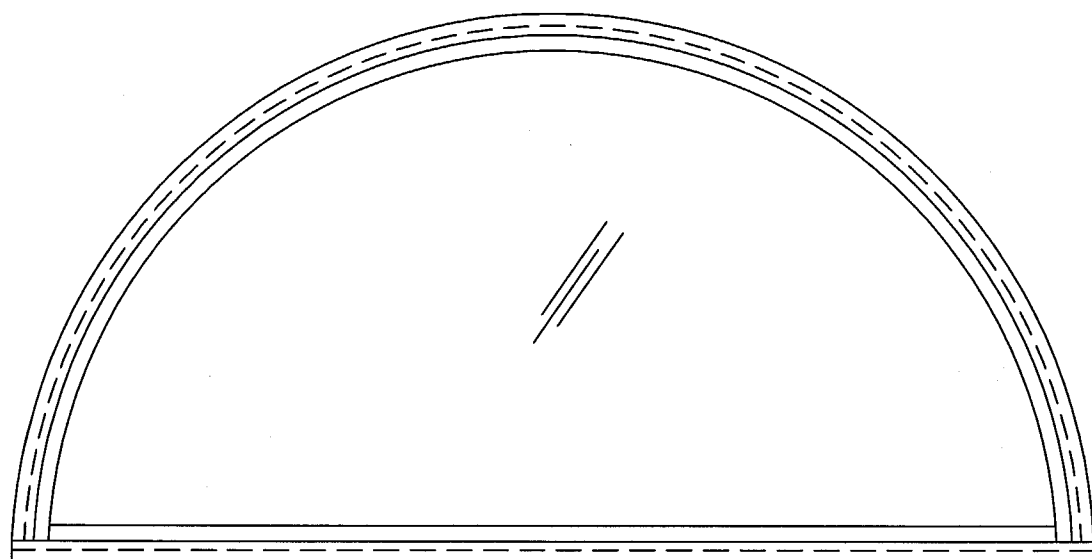
Title:
ALUMINUM FIXED WINDOW



QUARTER CIRCLE

68" x 68"

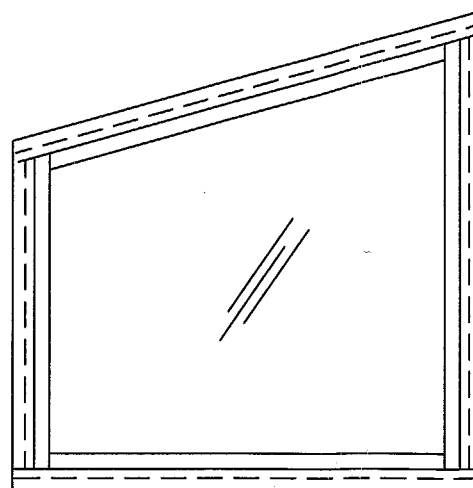
Maximum Area 25.22 sq. ft.



HALF CIRCLE

120" x 60"

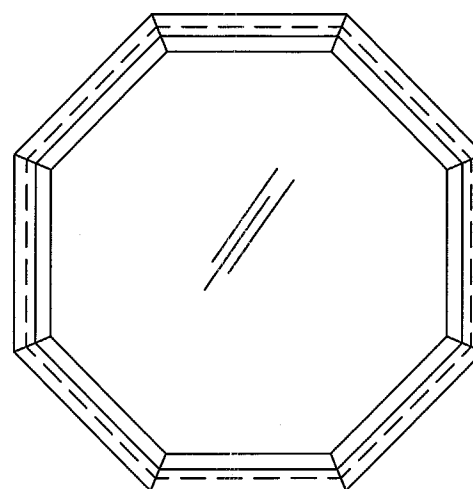
Maximum Area 39.27 sq. ft.



TRAPEZOID

60" x 120"

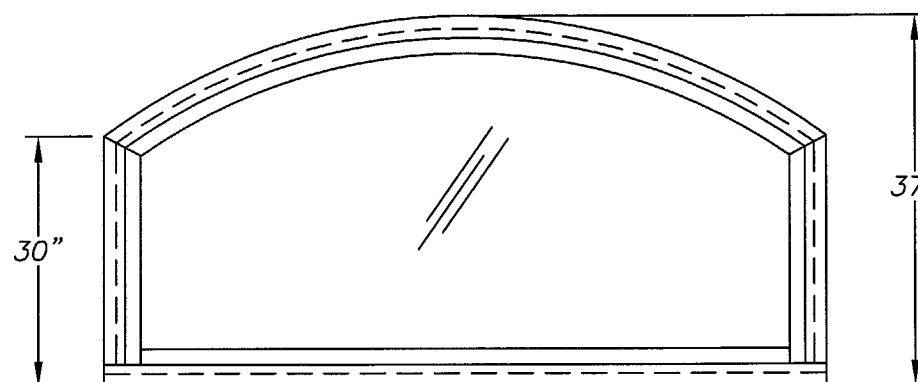
Maximum Area 43.75 sq. ft.



OCTAGON

60" x 60"

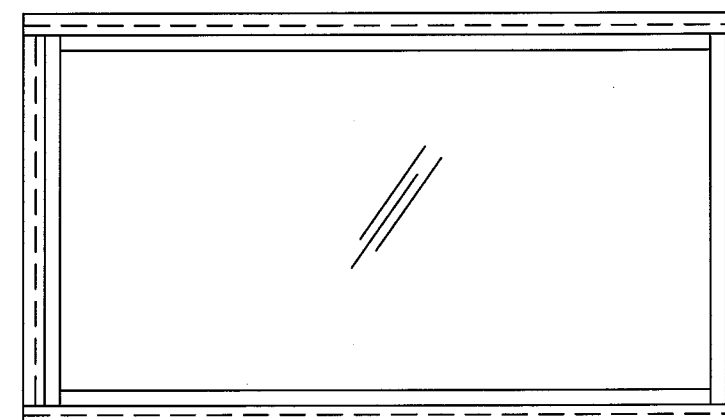
Maximum Area 20.71 sq. ft.



EYEBROW

74" x 37"

Maximum Area 17.83 sq. ft.



RECTANGLE

60" x 120"

Maximum Area 50.00 sq. ft.

Approved as complying with the
Florida Building Code
Date 03/25/04
NOAA 04-0112.02
Miami Dade Product Control
Division
By [Signature]

NON-IMPACT WINDOWS CONT.

3/16" TEMPERED GLASS

REFERENCE TEST REPORTS: FTL-2818, 2819, 2820, 3853

[Signature]
2/5/04
Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Series/Model:
F-6000

Scale:
NTS

Sheet:
2 of 10

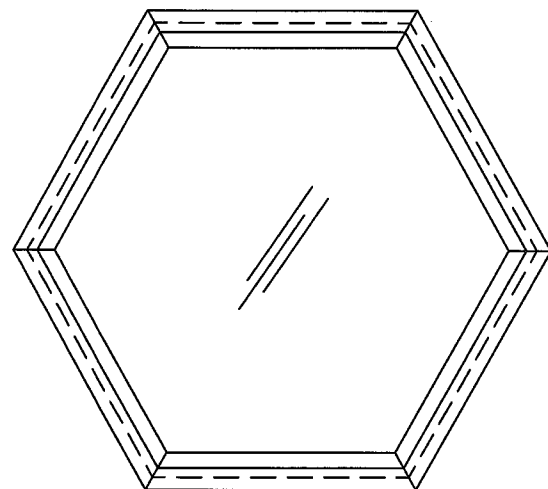
Drawing No.
550

Rev:
E

Revsd By: F.K.	Date: 1/27/04	Revisions: E-NO CHG THIS SHT
Revsd By: F.K.	Date: 1/8/04	Revisions: D-NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 12/24/02	Revisions: C-NO CHG THIS SHT.
Revsd By: F.K.	Date: 8/15/01	Revisions: REDRAWN
Drawn By: J.J.	Date: 10/24/00	

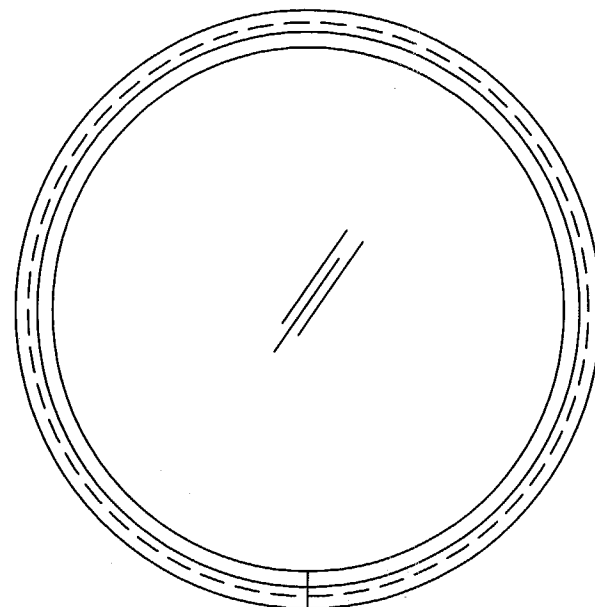
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ELEVATIONS, 3/16 TEMPERED GLASS

Title:
ALUMINUM FIXED WINDOW



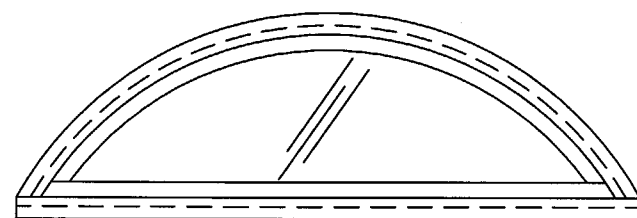
HEXAGON

48" BETWEEN FLATS
Maximum Area 13.86 sq. ft.



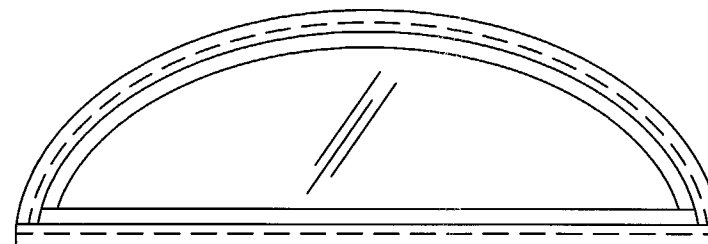
FULL CIRCLE

ø48"
Maximum Area 12.57 sq. ft.



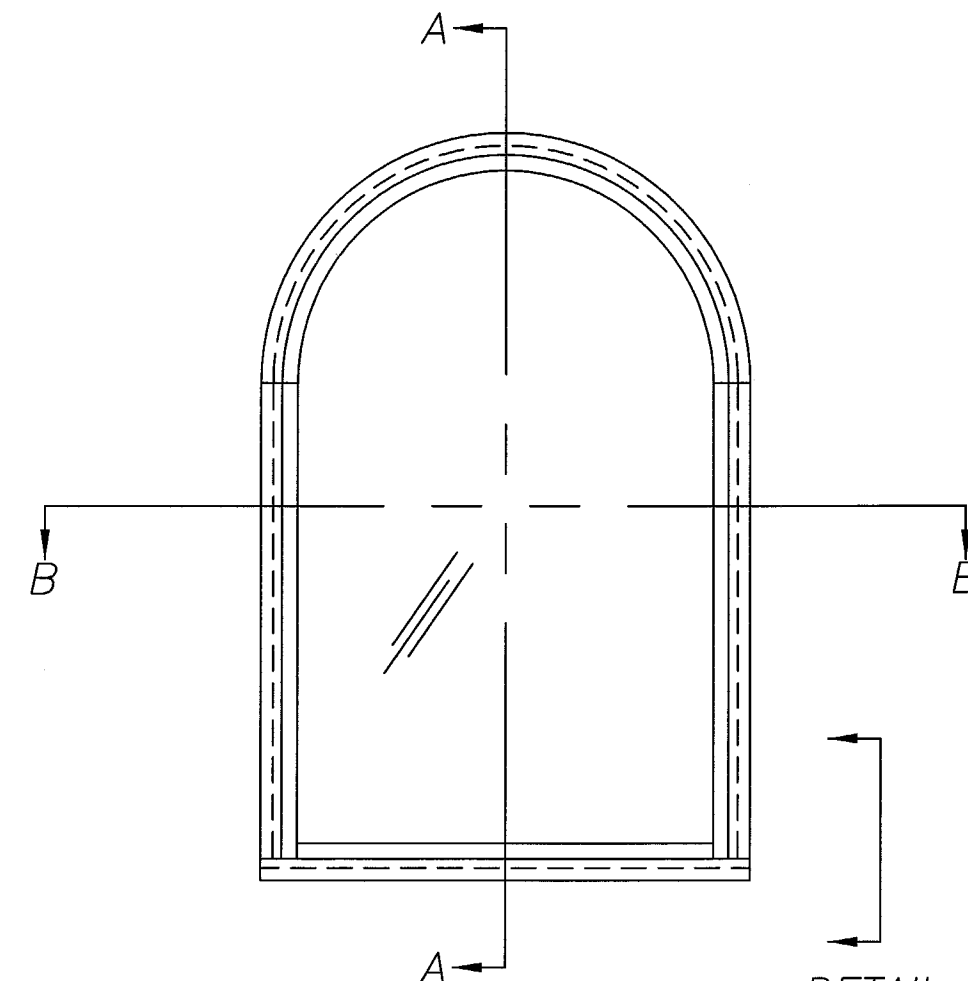
FAN

74" x 36"
Maximum Area 14.42 sq. ft.



ELLIPTICAL

74" x 36"
Maximum Area 14.53 sq. ft.



ARCH.

37" x 74"
Maximum Area 17.99 sq. ft.

DETAIL C
SEE SHT. 7

NON-IMPACT WINDOWS

- 1.) GLAZING: 3/16" ANNEALED
- 2.) CONFIGURATIONS: 0
- 3.) FOR DESIGN PRESSURE RATING SEE COMPARATIVE ANALYSIS ON SHEET 10 OF 10
- 4.) ANCHOR MAXIMUM SPACING: 6" FROM CORNERS AND 13" O.C.
- 5.) SHUTTERS REQUIRED AT ALL INSTALLATIONS
- 6.) SEE DETAILS C, D & E ON SHEET 8 OF 10 FOR CORNER ASSEMBLY.
- 7.) REFERENCE TEST REPORTS: FTL-2748, 2756, 2758 & 3853

Approved as complying with the
Florida Building Code
Date 03/25/04
NOA# 04-0112-02
Miami Dade Product Control
By Melville Acuna

2/5/04
Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Series/Model:
F-6000

Scale:
NTS

Sheet:
3 of 10

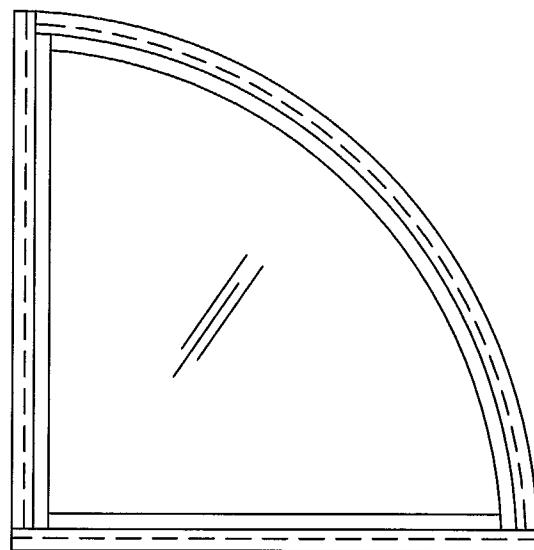
Drawing No.
550

Rev:
E

Revsd By:	Date:	Revisions:
F.K.	1/27/04	E-NO CHG THIS SHT
Revsd By:	Date:	Revisions:
F.K.	1/8/04	D-CHANGE NOTES 4 & 6
Revsd By:	Date:	Revisions:
F.K.	12/24/02	C-NO CHG THIS SHT.
Revsd By:	Date:	Revisions:
F.K.	8/15/01	REDRAWN
Drawn By:	Date:	
J.J.	10/24/00	

Description:
ELEVATIONS, 3/16 ANNEALED GLASS

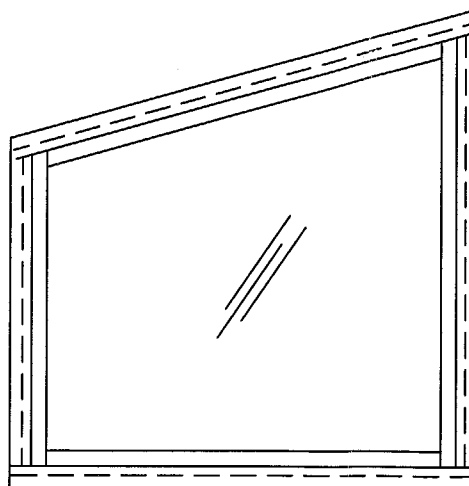
Title:
ALUMINUM FIXED WINDOW



QUARTER CIRCLE

58" x 58"

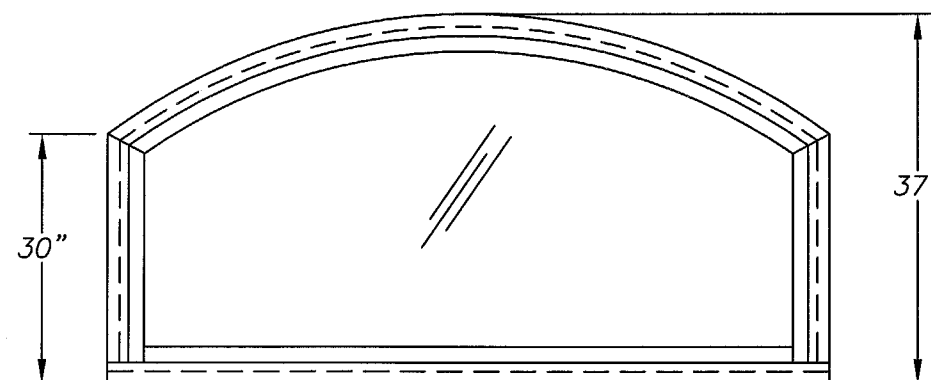
Maximum Area 18.35 sq. ft.



TRAPEZOID

37" x 74"

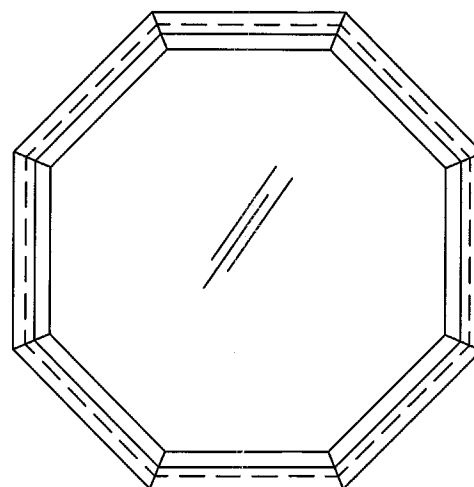
Maximum Area 14.26 sq. ft.



EYEBROW

74" x 37"

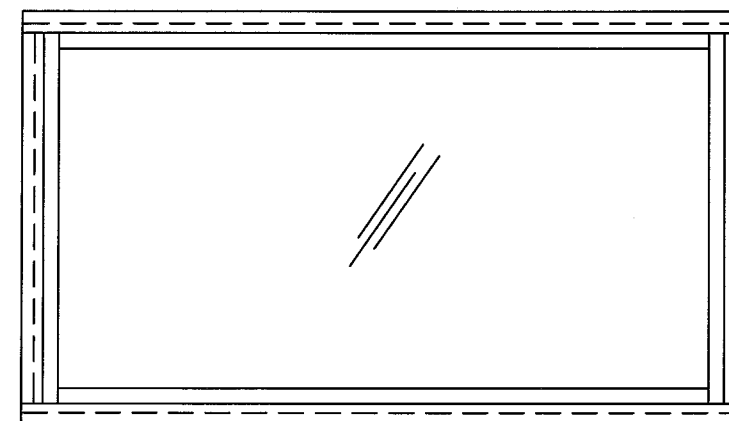
Maximum Area 17.83 sq. ft.



OCTAGON

48" x 48"

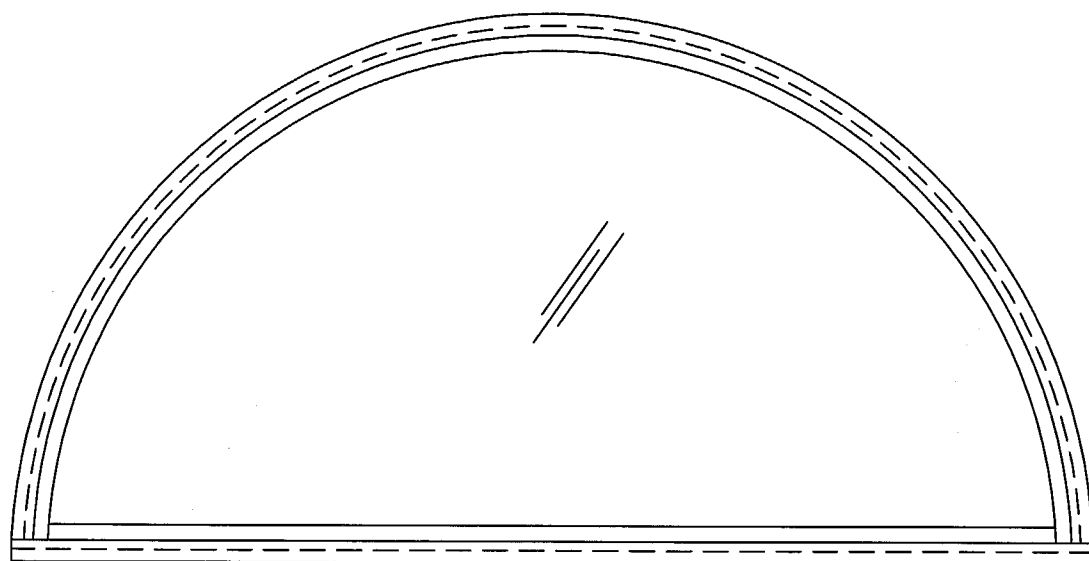
Maximum Area 13.26 sq. ft.



RECTANGLE

74" x 37"

Maximum Area 19.01 sq. ft.



HALF CIRCLE

74" x 37"

Maximum Area 14.93 sq. ft.

Approved as complying with the
Florida Building Code
Date 03/23/04
NOA# 04-0112.02
Miami-Dade Product Control
Division
By [Signature]

NON-IMPACT WINDOWS CONT.

3/16" ANNEALED GLASS

REFERENCE TEST REPORTS: FTL-2748, 2756, 2758 & 3853

[Signature]
2/5/04

Robert L. Clark, P.E.
PE #39712
Structural

P&T
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Series/Model:
F-6000

Scale:
NTS

Sheet:
4 of 10

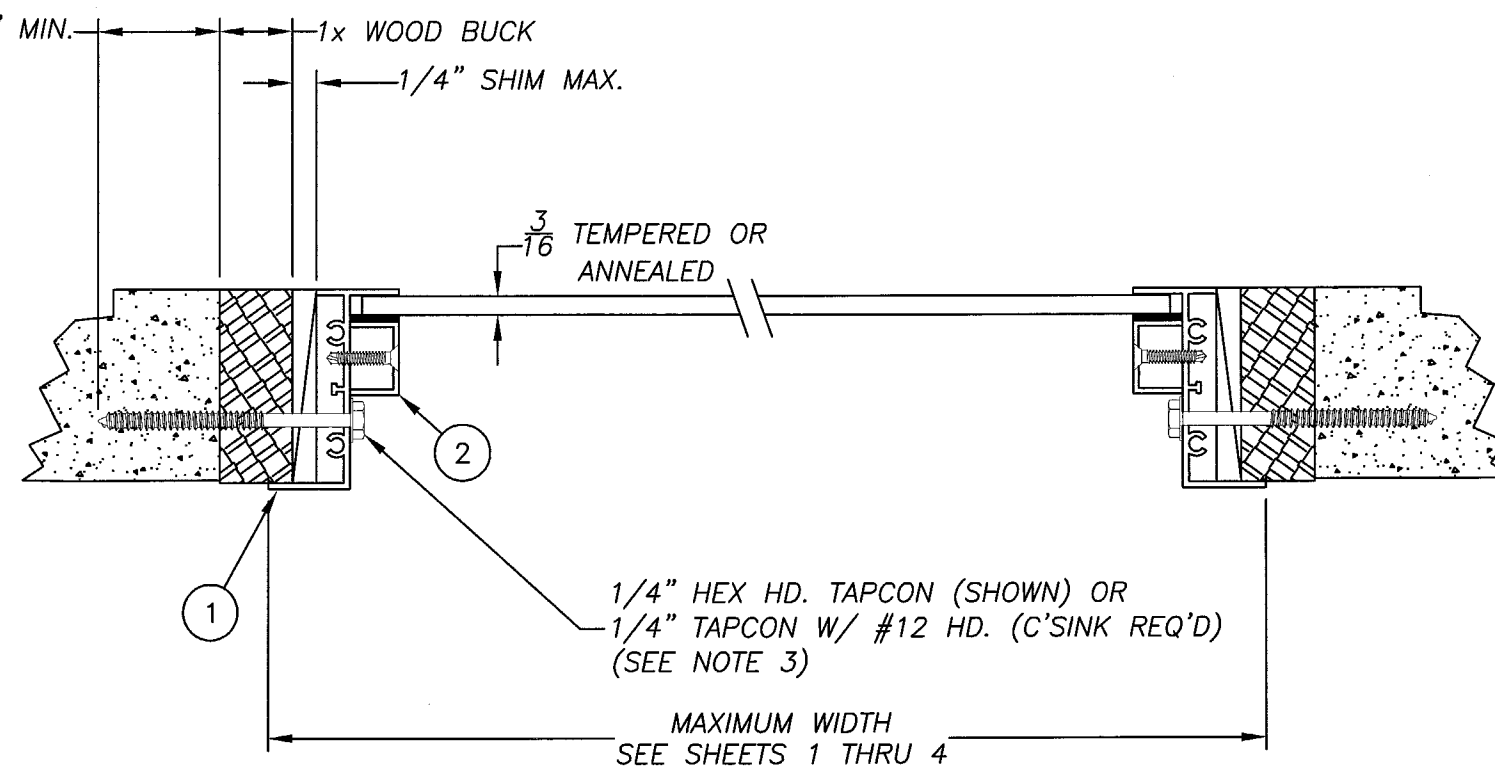
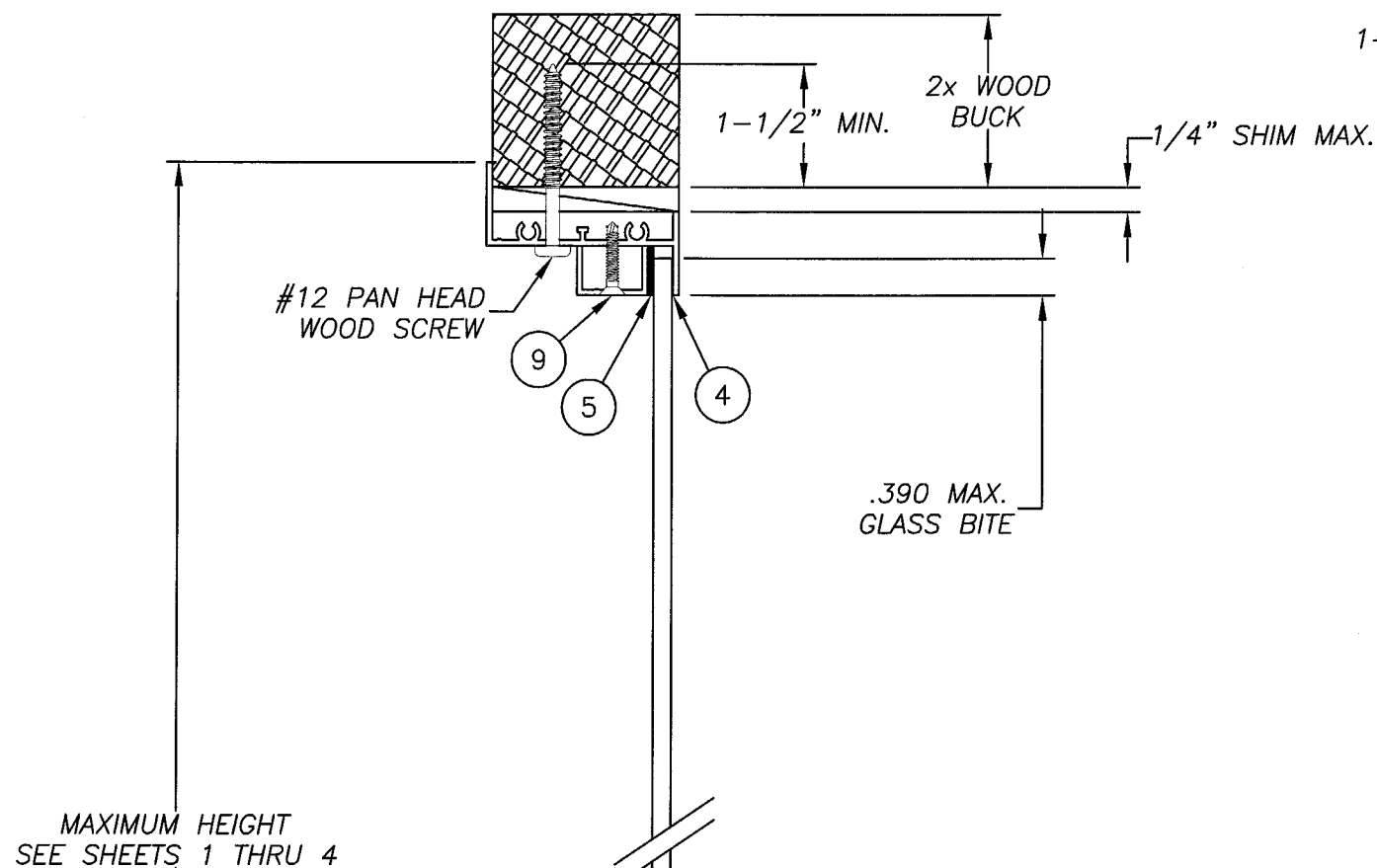
Drawing No.
550

Rev:
E

Revsd By: F.K.	Date: 1/27/04	Revisions: E-NO CHG THIS SHT
Revsd By: F.K.	Date: 1/8/04	Revisions: D-NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 12/24/02	Revisions: C-NO CHG THIS SHT.
Revsd By: F.K.	Date: 8/15/01	Revisions: REDRAWN
Drawn By: J.J.	Date: 10/24/00	

Description:
ELEVATIONS, 3/16 ANNEALED GLASS

Title:
ALUMINUM FIXED WINDOW



NOTES: 1. MAXIMUM OVERALL DIMENSIONS ARE APPLICABLE TO SECTIONED ARCH. SHAPES. ANCHORAGE METHODS ARE APPLICABLE TO ALL SHAPES SHOWN ON SHEETS 1 THROUGH 4 OF 8.

2. REFERENCE TEST REPORTS: FTL-2818, FTL-2819, FTL-2820, FTL-2748, FTL-2756, FTL-2758 AND FTL-3853

3. USE ONLY MIAMI-DADE COUNTY APPROVED ELCO TAPCONS. Δ

Approved as complying with the
Florida Building Code
Date 03/25/04
NOA# 04-0112.02
Miami Dade Product Control
Division
By *[Signature]*

Revsd By: F.K.	Date: 1/27/04	Revisions: E-NO CHG THIS SHT
Revsd By: F.K.	Date: 1/8/04	Revisions: D-CHG TO #12 SCREWS & 1/4" TAPCONS
Revsd By: F.K.	Date: 12/24/02	Revisions: C-CHANGE DESCRIPT. TO (EXPOSED)
Revsd By: F.K.	Date: 8/15/01	Revisions: REDRAWN
Drawn By: J.J.	Date: 10/24/00	

PGT
INDUSTRIES

Description:
SECTIONS W/ ANCHORAGE THRU FRAME
Title:
ALUMINUM FIXED WINDOW

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Series/Model:
F-6000

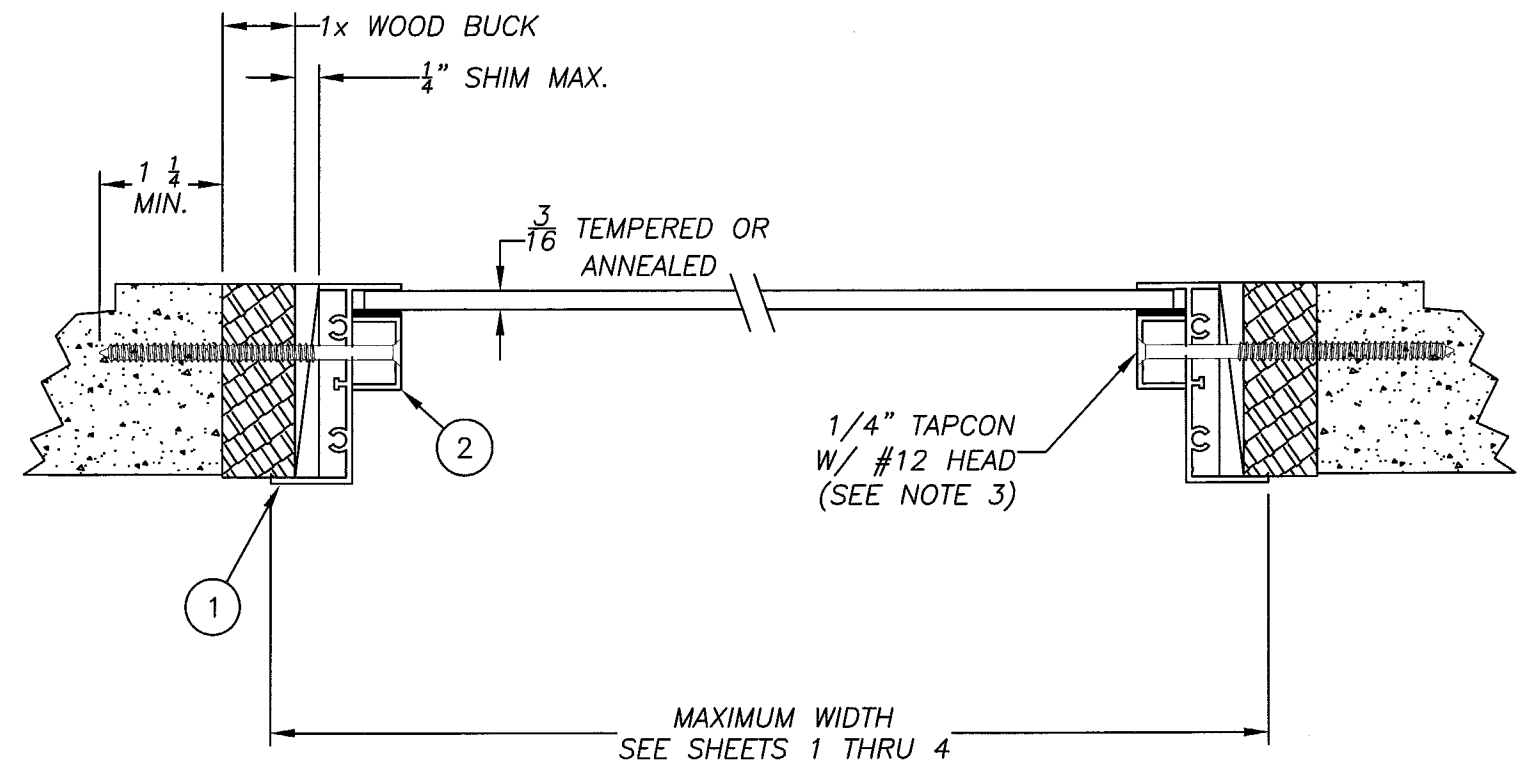
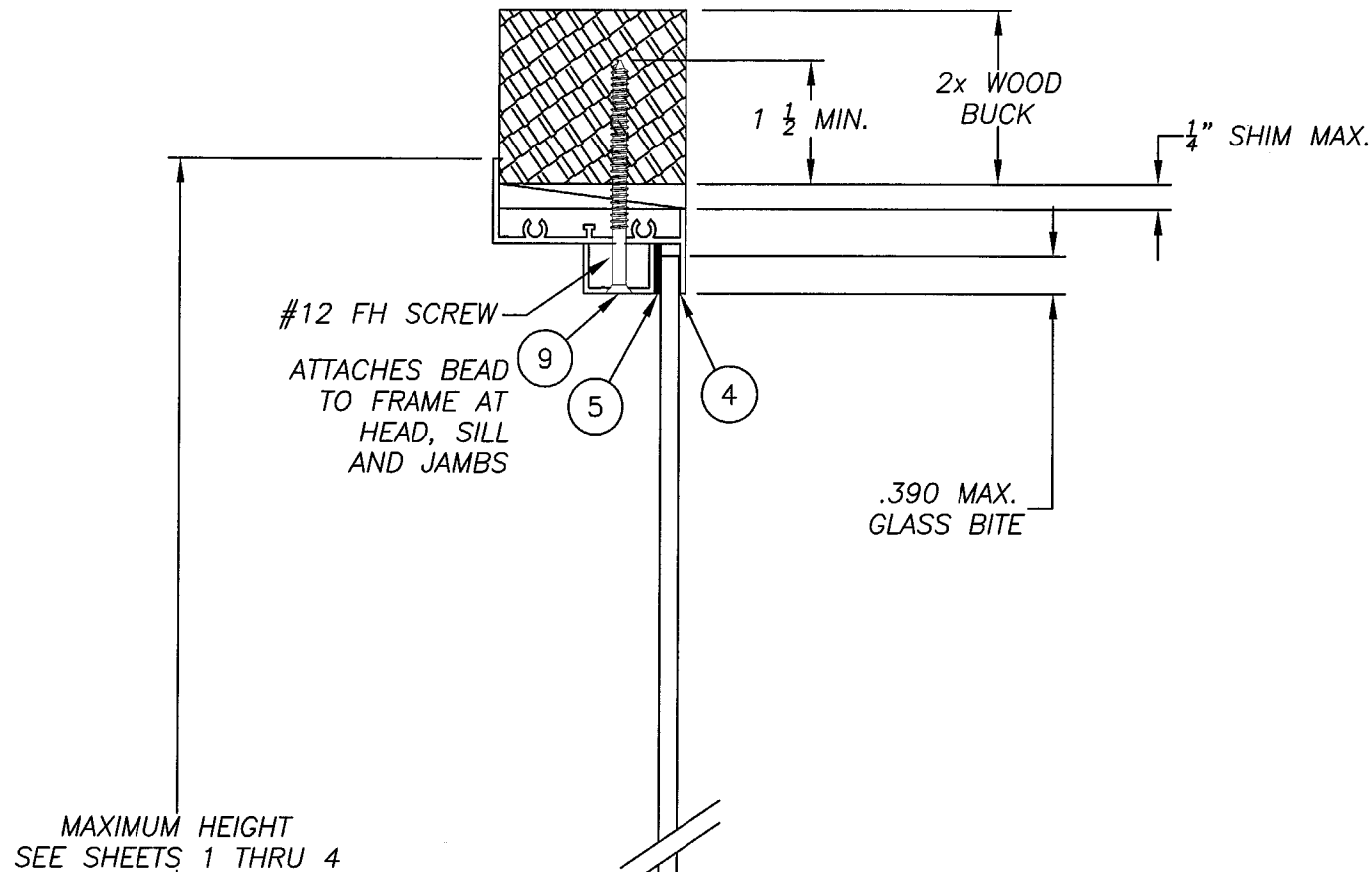
Scale:
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Sheet:
5 of 10

Drawing No.
550

Rev:
E

[Signature]
2/5/04
Robert L. Clark, P.E.
PE #39712
Structural

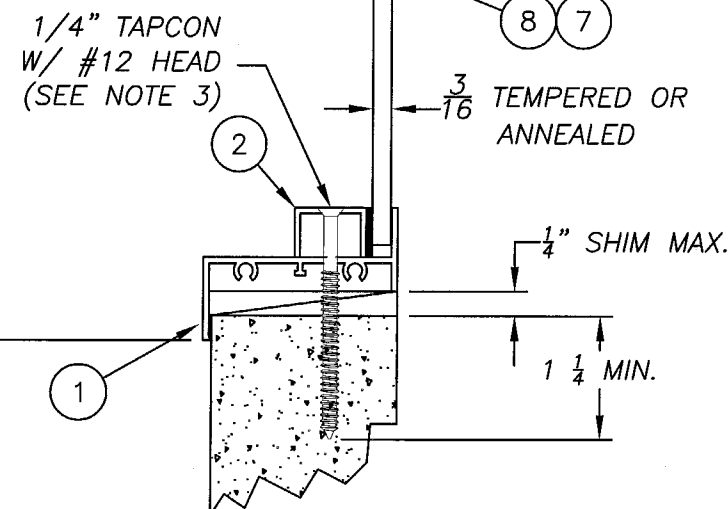


SECTION B-B
TYPICAL SECTION
& ALTERNATE INSTALLATION INTO CONCRETE

NOTES: 1. MAXIMUM OVERALL DIMENSIONS ARE APPLICABLE TO SECTIONED ARCH. SHAPES. ANCHORAGE METHODS ARE APPLICABLE TO ALL SHAPES SHOWN ON SHEETS 1 THROUGH 4 OF 8.

2. REFERENCE TEST REPORTS: FTL-2818, FTL-2819, FTL-2820, FTL-2748, FTL-2756, FTL-2758 AND FTL-3853

3. USE ONLY MIAMI-DADE COUNTY APPROVED ELCO TAPCONS.



SECTION A-A
TYPICAL SECTION
& INSTALLATION INTO CONCRETE AT SILL & WOOD AT HEAD

Approved as complying with the
Florida Building Code
Date 03/25/04
NOA# 04-0112.02
Miami Dade Product Control
Division
By: *[Signature]*

Revsd By: F.K.	Date: 1/27/04	Revisions: E-NO CHG THIS SHT
Revsd By: F.K.	Date: 1/8/04	Revisions: D-CHG TO #12 SCREWS & 1/4" TAPCONS
Revsd By: F.K.	Date: 12/24/02	Revisions: C-ADD THRU BEAD ANCHORAGE OPTION
Revsd By: F.K.	Date: 8/15/01	Revisions: REDRAWN
Drawn By: J.J.	Date: 10/24/00	

PGT
INDUSTRIES

Description: SECTIONS W/ ANCHORAGE THRU GLASS BEAD
Title: ALUMINUM FIXED WINDOW

[Signature]
2/5/04
Robert L. Clark, P.E.
PE #39712
Structural

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

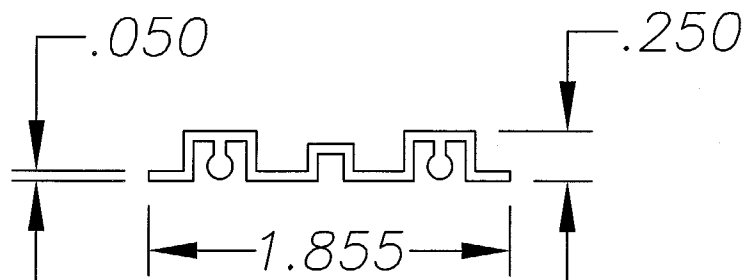
Series/Model: F-6000

Scale: NTS

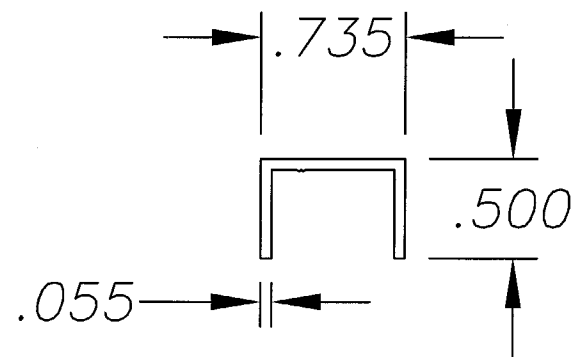
Sheet: 6 of 10

Drawing No. 550

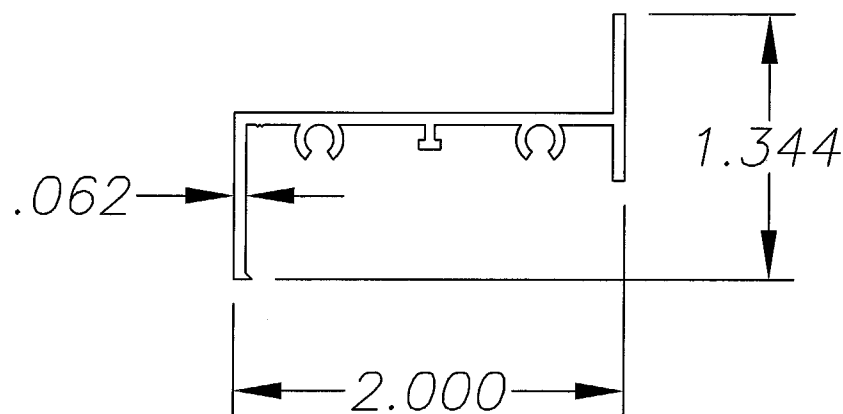
Rev: E



⑩ ARCHITECTURAL
FRAME CONNECTOR



② F-6000/PW-6000
U-CHANNEL GLAZING BEAD



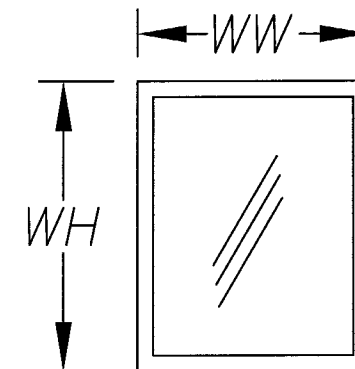
① F-6000/PW-6000
FRAME EXTRUSION

BILL OF MATERIAL

MK.	PART #	DESCRIPTION	VENDOR	VENDOR #
1	68342	FRAME HEAD, SILL & JAMB	ALUMAX OR =	AF-8342
2	61168	U-CHANNEL GLAZING BEAD	ALUMAX OR =	AF-1168
3	7834	#8 x 3/4 PN. PH. SMS	SPENCER OR =	
4		SILICON BACK BEDDING	DOW CORNING	#899 OR #995
5	61308K	CLOSED CELL FOAM TAPE	TAPE SPECIALISTS OF FL OR =	
6	6SM55W	SEAM SEALER	SCHNEE/MOREHEAD OR =	SM5504
7		3/16 ANNEALED GLASS	TRIPLE DIAMOND GLASS OR =	
8		3/16 TEMPERED GLASS	TRIPLE DIAMOND GLASS OR =	
9	7PWSW	#6 x 7/8 FL. PH. TEK	SPENCER OR =	
10	513	ARCHITECTURAL FRAME CONNECTOR 6063-T4 ALUM.		6" LG.

VISIBLE LIGHT CALCULATION

WINDOW WIDTH "TIP TO TIP" - 2.688"
WINDOW HEIGHT "TIP TO TIP" - 2.688"



Approved as complying with the
Florida Building Code
Date: 03/25/04
NOAA 04-0112-02
Miami Data Product Control
Divided By: *Charles Berner*

Revsd By: F.K.	Date: 1/27/04	Revisions: E-NO CHG THIS SHT
Revsd By: F.K.	Date: 1/8/04	Revisions: D-ADD ITEM 10 AND LIST SILICONE NO.S
Revsd By: F.K.	Date: 12/24/02	Revisions: C-NO CHG THIS SHT.
Revsd By: F.K.	Date: 8/15/01	Revisions: REDRAWN
Drawn By: J.J.	Date: 10/24/00	

**PGT
INDUSTRIES**

Description:
EXTRUSION PROFILES & B.O.M.

Title:
ALUMINUM FIXED WINDOW

Robert L. Clark
2/5/04
Robert L. Clark, P.E.
PE #39712
Structural

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

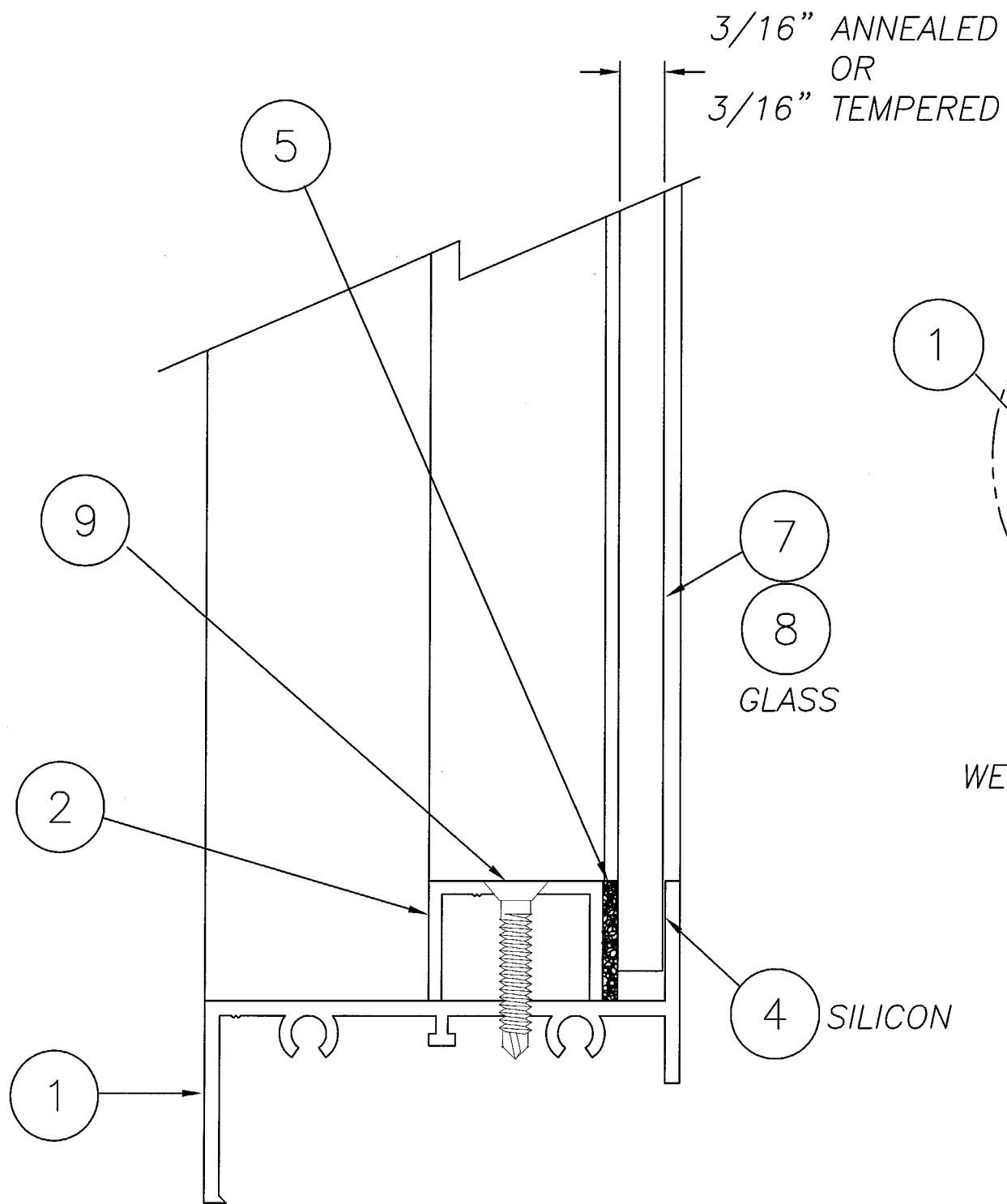
Series/Model:
F-6000

Scale:
NTS

Sheet:
7 of 10

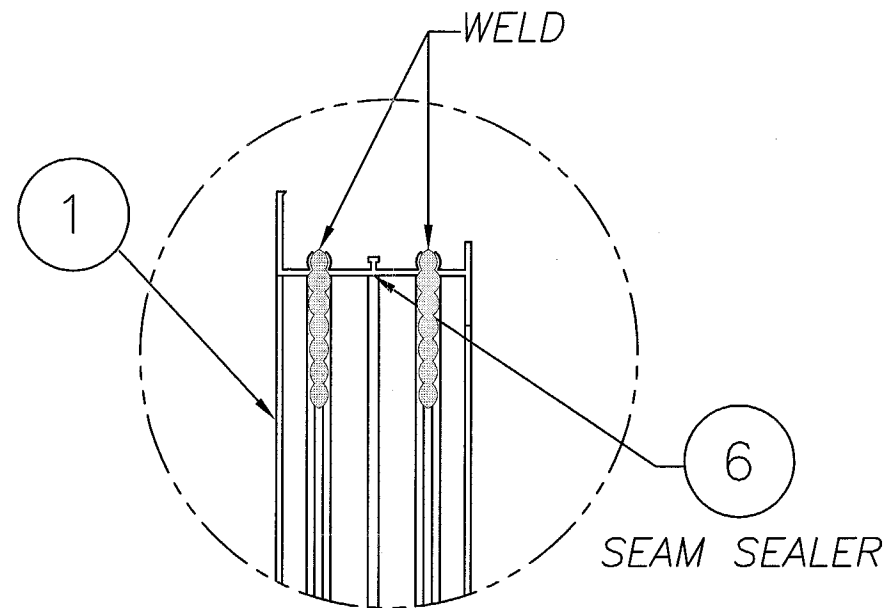
Drawing No.
550

Rev:
E

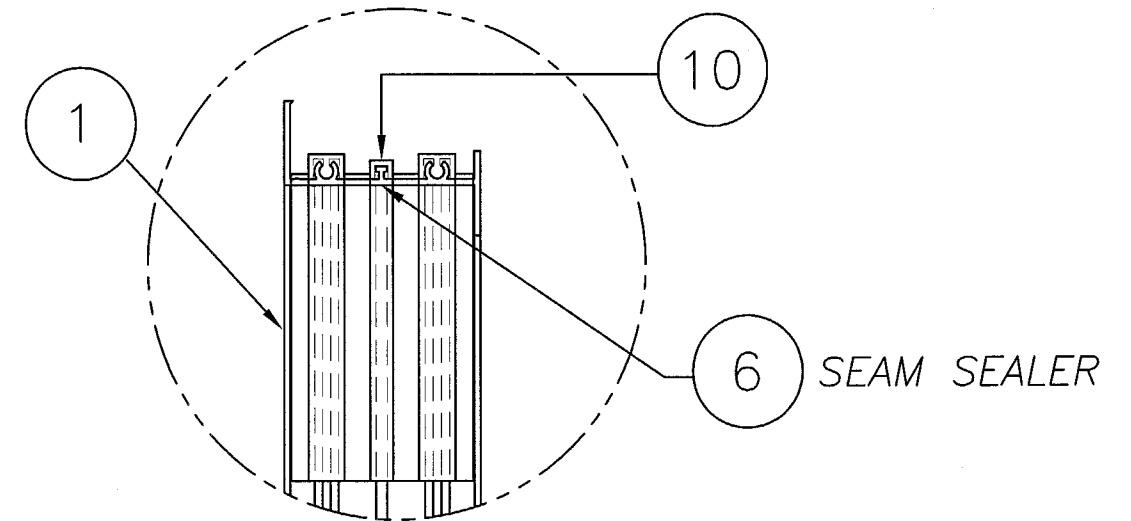


TYPICAL GLAZING DETAIL
3/16" GLASS

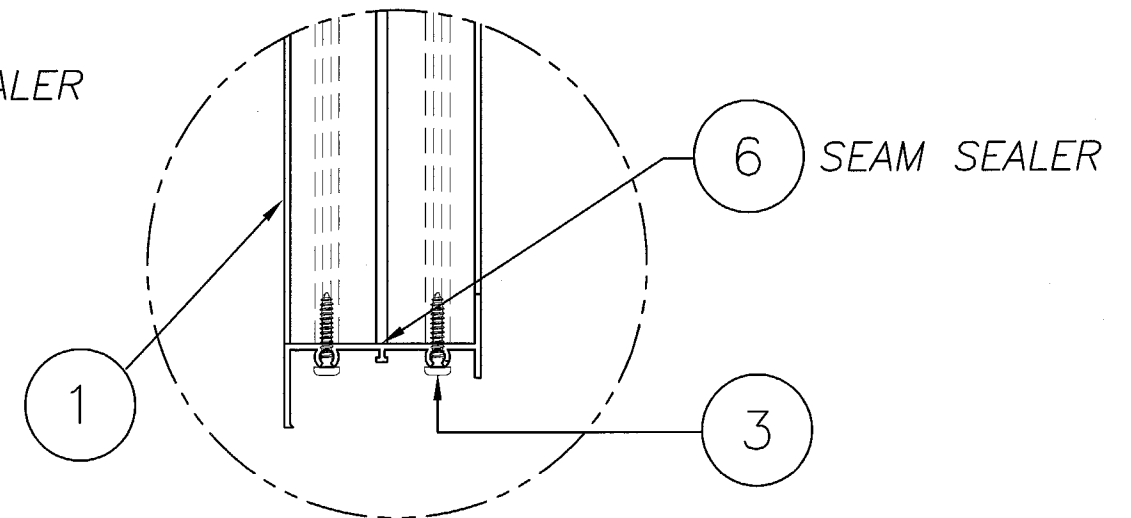
REFERENCE TEST REPORTS:
FTL-2818, 2819, 2820, 2748, 2756, 2758 & 3853



DETAIL E
WELDED CORNER ASSEMBLY



DETAIL D
KEYED CORNER ASSEMBLY



DETAIL C
90° SCREWED CORNER ASSEMBLY

Approved as complying with the
Florida Building Code
Date 03/25/04
NOAP 04-0112.02
Miami Dade Product Control
Division
By [Signature]

[Signature]
2/5/04

Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Drawn By: J.J.

Description:

GLAZING & CORNER DETAILS

Title:

ALUMINUM FIXED WINDOW

Revsd By: Date:
F.K. 1/27/04

Revisions:
E-NO CHG THIS SHT

Revsd By: Date:
F.K. 1/8/04

Revisions:
D-ADD DETAILS D & E, CORNER CONSTRUCTION

Revsd By: Date:
F.K. 12/24/02

Revisions:
C-NO CHG THIS SHT.

Revsd By: Date:
F.K. 8/15/01

Revisions:
REDRAWN

Date: 10/24/00

Series/Model:

F-6000

Scale:

NTS

Sheet:

8 of 10

Drawing No.

550

Rev:

E

3/16" TEMPERED GLASS

NOTES:

- 1.) Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.
- 2.) Positive Design Loads based on Comparative Analysis and Water Test Pressure.
- 3.) Design Pressures for #1/4 tapcons or #12 screws.
- 4.) Anchor maximum spacing: 6" from corners and 13" o.c.

Table 1. COMPARATIVE ANALYSIS (1/4" TAPCON ANCHORS)

GLASS: 3/16" TEMPERED

TEST REPORTS: FTL-2818, FTL-2819, FTL-2820 & FTL-3853

WINDOW WIDTH	WINDOW HEIGHT							
	26.000		39.000		51.000		60.000	
19.125	100.0	-135.0	100.0	-135.0	100.0	-135.0	100.0	-135.0
24.000	100.0	-135.0	100.0	-135.0	100.0	-135.0	100.0	-135.0
26.500	100.0	-135.0	100.0	-135.0	100.0	-135.0	100.0	-135.0
37.000	100.0	-135.0	100.0	-135.0	100.0	-135.0	100.0	-135.0
48.000	100.0	-135.0	100.0	-135.0	90.6	-90.6	90.6	-90.6
60.000	100.0	-135.0	100.0	-135.0	80.3	-80.3	58.0	-58.0
97.000	100.0	-135.0	78.9	-78.9	77.2	-77.2	58.0	-58.0
111.000	100.0	-122.9	69.6	-69.6	63.0	-63.0	58.0	-58.0
120.000	100.0	-112.6	65.5	-65.5	55.8	-55.8	57.3	-57.3

Table 2. COMPARATIVE ANALYSIS (#12 SCREW ANCHORS)

GLASS: 3/16" TEMPERED

TEST REPORTS: FTL-2818, FTL-2819, FTL-2820 & FTL-3853

WINDOW WIDTH	WINDOW HEIGHT							
	26.000		39.000		51.000		60.000	
19.125	100.0	-135.0	100.0	-135.0	100.0	-135.0	100.0	-135.0
24.000	100.0	-135.0	100.0	-135.0	100.0	-135.0	100.0	-135.0
26.500	100.0	-135.0	100.0	-135.0	100.0	-135.0	100.0	-132.1
37.000	100.0	-135.0	100.0	-135.0	94.6	-94.6	94.6	-94.6
48.000	100.0	-135.0	100.0	-135.0	90.6	-90.6	73.0	-73.0
60.000	100.0	-135.0	89.8	-89.8	80.3	-80.3	58.0	-58.0
97.000	100.0	-134.6	78.9	-78.9	77.2	-77.2	58.0	-58.0
111.000	100.0	-122.9	69.6	-69.6	63.0	-63.0	58.0	-58.0
120.000	100.0	-112.6	65.5	-65.5	55.8	-55.8	57.3	-57.3



Approved as complying with the
Florida Building Code
Date: 03/25/04
NOAA 04-0112-02
Miami Dade Product Control
Division
By: *Cherrie Bernier*

Revsd By: F.K.	Date: 1/27/04	Revisions: E-UPDATE TABLES
Revsd By: F.K.	Date: 1/8/04	Revisions: D-CHG ANCHORS, SPACING & MAX. PRESSURE
Revsd By: F.K.	Date: 12/24/02	Revisions: C-NO CHG THIS SHT.
Revsd By: F.K.	Date: 8/15/01	Revisions: REDRAWN
Drawn By: J.J.	Date: 10/24/00	



Description: COMPARATIVE ANALYSIS, NON-IMPACT 3/16T
Title: ALUMINUM FIXED WINDOW

1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model: F-6000	Scale: NTS	Sheet: 9 of 10	Drawing No. 550	Rev: E
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REFERENCE: TEST FTL-2818, 2819, 2820, 3853

Robert L. Clark
2/5/04
Robert L. Clark, P.E.
PE #39712
Structural

3/16" ANNEALED GLASS

NOTES:

- 1.) Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.
- 2.) Positive Design Loads based on Comparative Analysis and Water Test Pressure.
- 3.) Numbers are for 1/4" tapcons or #12 screws.
- 4.) Anchor maximum spacing: 6" from corners and 13" o.c.

Table 3. COMPARATIVE ANALYSIS				
GLASS: 3/16" ANNEALED				
TEST REPORTS: FTL-2748, FTL-2756, FTL-2758 & FTL-3853				
WINDOW WIDTH	WINDOW HEIGHT			
	26.000		37.000	
19.125	100.0	-120.0	100.0	-115.1
24.000	95.1	-95.1	85.7	-85.7
26.500	81.0	-81.0	77.4	-77.4
37.000	78.6	-78.6	40.0	-40.0
48.000	59.2	-59.2	40.0	-40.0
53.125	53.6	-53.6	40.0	-40.0
60.000	48.4	-48.4	37.0	-37.0
74.000	42.2	-42.2	28.9	-28.9



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Florida Building Code
Date: 03/25/04
NOAA 04-0112-02
Miami Beach Product Control
Division
By: *[Signature]*

Revsd By:	Date:	Revisions:
F.K.	1/27/04	E-UPDATE TABLES
Revsd By:	Date:	Revisions:
F.K.	1/8/04	D-CHG ANCHORS & SPACING
Revsd By:	Date:	Revisions:
F.K.	12/24/02	C-NO CHG THIS SHT.
Revsd By:	Date:	Revisions:
F.K.	8/15/01	REDRAWN

Drawn By:	J.J.	Date:	10/24/00
Description:	COMPARATIVE ANALYSIS, NON-IMPACT 3/16A		
Title:	ALUMINUM FIXED WINDOW		



[Signature]
2/5/04
Robert L. Clark, P.E.
PE #39712
Structural

REFERENCE: TEST FTL-2748, 2756, 2758, 3853

1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	P.O. BOX 1529 NOKOMIS, FL 34274	Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
		F-6000	NTS	10 of 10	550	E